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- 1) Vaccine for the prevention of *Campylobacter* colonisation in animals, characterised in that said vaccine comprises antiserum raised against a flagellaless *Campylobacter* strain.
- 2) Vaccine according to claim 1, characterised in that the flagellaless *Campylobacter* strain is *Campylobacter jejuni*.
- 3) Vaccine according to claim 2, characterised in that the flagellaless *Campylobacter jejuni* strain is strain R2.
- 4) Antigenic protein of *Campylobacter* having a molecular weight of 97 kD (+/- 5 kD), characterised in that it is visible in a Western blot of *Campylobacter jejuni* protein after incubation of said Western blot with antibodies against a flagellaless mutant of *Campylobacter jejuni* and that it is not visible after incubation of said blot with antibodies against wild type *Campylobacter jejuni*.
- 5) Antigenic protein of *Campylobacter* having a molecular weight of 60 kD (+/- 5 kD), characterised in that it is visible in a Western blot of *Campylobacter jejuni* protein after incubation of said Western blot with antibodies against a flagellaless mutant of *Campylobacter jejuni* and that it is not visible after incubation of said blot with antibodies against wild type *Campylobacter jejuni*.
- 6) Antigenic protein of *Campylobacter* having a molecular weight of 13 kD (+/- 3 kD), characterised in that it is visible in a Western blot of *Campylobacter jejuni* protein after incubation of said Western blot with antibodies against a flagellaless mutant of *Campylobacter jejuni* and that it is not visible after incubation of said blot with antibodies against wild type *Campylobacter jejuni*.
- 7) Antigenic protein according to claim 4, 5 or 6 for use in a vaccine.
- 8) Use of antigenic protein as defined in claim 4, 5 or 6 for the manufacturing of a pharmaceutical composition for combating *Campylobacter jejuni* colonisation.
- 9) Vaccine for the prevention of *Campylobacter jejuni* colonisation in poultry, characterised in that said vaccine comprises antibodies against the antigenic protein according to claim 4, 5 or 6.
- 10) Vaccine for the prevention of *Campylobacter jejuni* colonisation in poultry, characterised in that said vaccine comprises an antigenic protein according to claim 4, 5 or 6.
- 11) Use of antibodies against a flagellaless *Campylobacter* strain, or against the antigenic protein of claim 4, 5 or 6 for the preparation of a vaccine against *Campylobacter* colonisation in animals.

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14) Method for the preparation of a vaccine according to claim 10, characterised in that said method comprises admixing a protein according to any of the claims 4-6 and a pharmaceutically acceptable carrier.

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Questions and answers